



CLARK COUNTY WASHINGTON

PUBLIC WORKS

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October 4th, 2022

To: Brandi Lubliner SAM coordinator
Washington State Department of Ecology, Olympia, WA

From: Chad Hoxeng
Natural Resource Specialist III, Clean Water Division,
Clark County Public Works, Vancouver, WA

Subject: Deliverable D2.5: Confirmation email for equipment installation at three status monitoring stations for WY2023.

This memo summarizes and documents the set up and installation of three status sites for the Lower Columbia River Urban Streams (LCUS) monitoring project for WY2023.

Please feel free to contact me at Chad.Hoxeng@clark.wa.gov any time with questions about this deliverable summary or any other LCUS project related questions.



For other formats, contact
the Clark County ADA Office

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CLARK COUNTY PUBLIC WORKS, CLEAN WATER DIVISION

Station Name	Woodin Creek at NE Caples Rd			
Station #	WDN010	Staff	BJ, JM, CH, BH	
Date	28-Sep-22	Site Type	Trend or Status	
Site Arrival Time	10:45	Stage recorder	MX2001	
Weather	light rain, cloudy	Conductivity	U24	
Site Condition	good	MX2001 Data Download	Yes	No
Battery Voltage	Good Bad	MX2001 Data Emailed	Yes	No
U24 Well Cleaned	Yes No	U24 Data Download	Yes	No
Well Cleaning Time	NA	U24 Data Exported	Yes	No

CONDUCTIVITY AND TEMPERATURE READINGS

Initial Readings					After Cleaning Readings				
Time	Conductivity		Temperature °C		Time	Conductivity		Temperature (°C)	
	METER	U24	METER	U24		METER	U24	METER	U24
11:45	159.3		14.1						
12:30	159.8		14.3						
12:45	160.2		14.4						

GAGE READINGS

Time	Stage (ft)			Water Temp (°C)	Air Temp (°C)	Stage (ft)			
	Arrival Reference Level	Staff	MX2001	MX2001	Departure Reference Level	Difference Reference Level			
12:45	4.14	4.14	4.14						

STATION NOTES AND OBSERVATIONS

Site setup. Confirmed loggers are logging.



Entered by:

CH

CLARK COUNTY PUBLIC WORKS, CLEAN WATER DIVISION

Station Name	Whipple Creek at NW 179th ST				
Station #	WPL050	Staff		BJ, JM, CH, BH	Notes
Date	27-Sep-22	Site Type		Trend or Status	
Site Arrival Time	10:45	Stage recorder Type		CS451	
Weather	Sun	Conductivity Type		U24	
Site Condition	good	MX2001 Data Download	Yes	No	
Battery Voltage	Good Bad	MX2001 Data Emailed	Yes	No	
U24 Well Cleaned	Yes No	U24 Data Download	Yes	No	
Well Cleaning Time	NA	U24 Data Exported	Yes	No	

CONDUCTIVITY AND TEMPERATURE READINGS

Initial Readings					After Cleaning Readings				
Time	Conductivity		Temperature °C		Time	Conductivity		Temperature (°C)	
	METER	U24	METER	U24		METER	U24	METER	U24
10:45	195.9		14.7						
11:00	206.8		14.5						

GAGE READINGS

Time	Stage (ft)			Water Temp (°C)	Air Temp (°C)	Stage (ft)			
	Arrival Reference Level	Staff	CS451	CS451	Departure Reference Level	Difference Reference Level			
10:45	2.4	3.96	3.92						
10:46	2.44	3.96	3.96						
	OFFSET		CS451 - using existing WPL048 site for stage data						

STATION NOTES AND OBSERVATIONS

Site setup. Confirmed loggers are logging. WPL048 gage working well, desiccant changed, good battery voltage. Batteries should be swapped next site visit.



Entered by: BJ

CLARK COUNTY PUBLIC WORKS, CLEAN WATER DIVISION

Station Name	Brezee Creek at La Center Bottoms			
Station #	BRZ010	Staff	BJ, JM, CH, BH	Notes
Date	27-Sep-22	Site Type	Trend or Status	
Site Arrival Time	12:00	Stage recorder	MX2001	
Weather	Sun	Conductivity	U24	
Site Condition	good	MX2001 Data Download	Yes No	
Battery Voltage	Good Bad	MX2001 Data Emailed	Yes No	
U24 Well Cleaned	Yes No	U24 Data Download	Yes No	
Well Cleaning Time	NA	U24 Data Exported	Yes No	

CONDUCTIVITY AND TEMPERATURE READINGS

Initial Readings				After Cleaning Readings					
Time	Conductivity		Temperature °C		Time	Conductivity		Temperature (°C)	
	METER	U24	METER	U24		METER	U24	METER	U24
12:45	82.3		14.6						
13:00	82.8		14.8						

GAGE READINGS

Time	Stage (ft)			Water Temp (°C)	Air Temp (°C)	Stage (ft)			
	Arrival Reference Level	Staff	MX2001	MX2001	Departure Reference Level	Difference Reference Level			
13:15	4.36	4.36	4.36						

STATION NOTES AND OBSERVATIONS

Site setup. Confirmed loggers are logging.



Entered by: CH